

**Notice of Allowability**

Application No.

09/815,673

Examiner

Mark R. Milia

Applicant(s)

WANG ET AL.

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 2/10/05.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ The drawings filed on 3/23/01 and amended on 2/10/05 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
EDWARD COLES

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2622

**DETAILED ACTION**

***Response to Amendment***

1. Applicant's amendment was received on 2/10/05, and has been entered and made of record. Currently, claims 1-4 are pending.

***Drawings***

2. Applicant's amendment to delete Fig. 3 has overcome the objection to the specification for the lack of description of the figure as cited in the previous Office Action. Therefore, the objection has been withdrawn.

***Specification***

3. Applicant's amendment to the specification to removing the sentence containing a hyperlink has overcome the objection to the specification as cited in the previous Office Action. Therefore, the objection has been withdrawn.

***Response to Arguments***

4. Applicant's arguments, see pages 4-5, filed 2/10/05, with respect to the rejection of claims 1-4, more specifically claim 1, have been fully considered and are persuasive. Therefore, the rejection of claims 1-4 has been withdrawn.

***Allowable Subject Matter***

5. Claims 1-4 allowed.

6. The following is an examiner's statement of reasons for allowance:

Regarding claims 1-4, in the examiner's opinion, it would not have been obvious to one of ordinary skill in the art at the time the invention was made to install a printer via a network by creating a printer port on a network in a Windows<sup>TM</sup> 2000 environment in combination with inserting into a XcvData function, in the location for a pInputData parameter, a pointer to a data structure, the XcvData function incidental to an AddPort command and in the location for a pcbOutputNeeded parameter, inserting a pointer to a buffer, as well as supplying dwBufReq=0 to the XcvData function. In addition, the method of adding a printer port for the printer provides a practical application and thus the claim as a whole provides useful and tangible results.

The closest prior art, previously noted as Brockway et al. (U.S. Patent No. 6789111), discloses a system for automatically detecting and installing a printer device in a Windows<sup>TM</sup> 2000 environment. However, Brockway fails to disclose installation of a

printer via a network in combination with inserting into a XcvData function, in the location for a pInputData parameter, a pointer to a data structure, the XcvData function incidental to an AddPort command and in the location for a pcbOutputNeeded parameter, inserting a pointer to a buffer, as well as supplying dwBufReq=0 to the XcvData function.

Therefore, because of these reasons, the claims are rendered allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. To further show the state of the art refer to U.S. Patent number 5692111 (Marbry et al.).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached at (571) 272-7402. The fax number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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